



SUB  
AI

8. The vocoder of claim 1 wherein the network parameter is available capacity, and the external parameter is an indicator of the subject matter of the information sought to be transmitted.

5 9. The vocoder of claim 8 wherein the available classes of subject matter which can be transmitted comprise voice, data, music, image or video.

10 10. The vocoder of claim 9 in a wireless communication network wherein, when a demand for network services is received, if the network cannot accommodate the additional demand at the desired quality, it will reduce the ADR for selected categories of subject matter, until the network can accommodate the demand at the desired quality.

11. The vocoder of claim 9 in a wireless communication network wherein, when a demand for network services is received, if the network can easily accommodate the desired demand, it will do so, and then increase the ADR for selected categories of subject matter until the network is within a target amount of saturation.

15 12. The vocoder of claim 1 wherein the external parameter is the time of day.

13. The vocoder of claim 1 wherein the external parameter is the weather.

14. The vocoder of claim 1 in a transceiver, transmitter, or receiver.

15. The transceiver, transmitter, or receiver of claim 1 in a wireless device.

16. The wireless device of claim 15 which is a mobile wireless device.

20 17. The wireless device of claim 15 which is an immobile wireless device.

18. The mobile wireless device of claim 16 which is a handset.

19. A method of responding to a demand for network services comprising the following steps:

25 when a demand for network services is initiated, the demand including a desired level of quality or category of subject matter sought to be communicated, querying whether the network can accommodate the demand at the desired level of quality;

if not, selectively decreasing the ADRs of users until the demand can be accommodated at the desired quality of service; and

30 if so, accommodating the demand at the desired level of quality.

03210" 050205

